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Subject: Re: Pete's Home Theater Build

Posted by [petew](#) on Sat, 14 Nov 2020 17:40:25 GMT

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I'm Back!

Over four years since my last post. Oh how life gets in the way. I did manage to finish the Pi 4, which sounds absolutely great.

I closed my business in early 2017 after nearly 35 years. It was a clean, planned shutdown. I went to work for a giant corporation designing wood trusses. So all is good with work life. But with a career change and other chaos, I never got anything more done on the speaker build.

Forward to 2018, my dishwasher had a valve fail one night and flooded my media room with scalding hot water. Amazingly there was very little damage to equipment but the room got trashed. I only had a bit of water on a subwoofer and one of the surrounds, but the damage was only cosmetic. It took three weeks for the remediation company to get the house dried out.

Since I was "dead in the water" on the theater build, I decided to make the jump to Atmos. So my B&W Nautilus speakers and Emotiva preamp moved upstairs to the living room. I stripped out the damaged finishes from the theater and started planning.

I bought four DIYSG Volt 10 coax speakers with flatpacks for Atmos duty. As of right now those just need final assembly and installation.

I had planned to use discrete amplification with an XMC-2 from Emotiva (later changed my plans to the Monolith HTM-1). But after reading the excellent reviews on the Denon AVR-X3600H I decided to go that route instead with the receiver driving the surround and Atmos speakers. I have an Emotiva XPR-2 stereo amp for the Pi 7 corner horns and will use two channels of my three channel Rotel RB-993 to run the Pi 4 (I split the crossover HF and LF sections during assembly).

I have the AV side of my equipment rack just about completely built out with equipment mounted. Now I will finish and install the Atmos speakers, then get the Pi 7's completed. Once I get the sound system set up I will do acoustic tweaks as needed, then move on to video projection and finishes.

I'll be posting details and more pictures as I go!

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